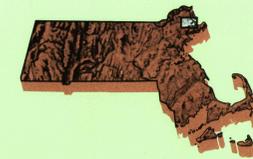


Ipswich MASSACHUSETTS

1:25 000-scale metric topographic map



7.5 X 15 MINUTE QUADRANGLE SHOWING

- Contours and elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names



Produced by the United States Geological Survey
 Derived from imagery taken 1978 and other sources. Photospotting using imagery taken 1997; no major culture or drainage changes observed. Survey control current as of 1979. Boundaries, other than corporate, revised 1998.
 North American Datum of 1927 (NAD 27). Projection and 1000-meter grid: Universal Transverse Mercator, zone 19 10 000-foot ticks. Massachusetts coordinate system, mainland zone North American Datum of 1983 (NAD 83) is shown by dashed corner ticks. The values of the shift between NAD 27 and NAD 83 for 7.5-minute intersections are obtainable from National Geodetic Survey NADCON software.
 Selected hydrographic data compiled from NOS charts, 13279 (1983) and 13282 (1978). This information is not intended for navigational purposes.
 There may be private inholdings within the boundaries of the National or State reservations shown on this map.

CONTOUR INTERVAL 3 METERS
 NATIONAL GEODETIC VERTICAL DATUM OF 1929
 CONTROL ELEVATIONS SHOWN TO THE NEAREST 0.5 METER
 DEPTH CURVES AND SOUNDINGS IN METERS
 DATUM IS MEAN LOWER LOW WATER
 THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE
 THE MEAN RANGE OF TIDE IS APPROXIMATELY 2.6 METERS

THIS MAP COMPLES WITH NATIONAL MAP ACCURACY STANDARDS

Meters	Feet
1	3.2808
2	6.5617
3	9.8425
4	13.1234
5	16.4043
6	19.6852
7	22.9661
8	26.2470
9	29.5278
10	32.8087

To convert meters to feet multiply by 3.2808
 To convert feet to meters multiply by 0.3048

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 ISBN 0-b07-8587-X
 9 780607 895872

Topographic Map Symbols

Primary highway, hard surface
Secondary highway, hard surface	.....
Light-duty road, hard or improved surface	.....
Unimproved road; soil	.....
Route marker: Interstate; U. S. State	.....
Railroad: standard gage; narrow gage	.....
Bridge: drawbridge	.....
Footbridge; overpass; underpass	.....
Rail-up area: only selected landmark buildings shown	.....
House; barn; church; school; large structure	.....
Boundary:	.....
National, with monument	.....
State	.....
County, parish	.....
Civil township, precinct, district	.....
Incorporated city, village, town	.....
National or State reservation; small park	.....
Land grant with monument; found section corner	.....
U. S. public lands survey: range, township; section	.....
Range, township; section line: location approximate	.....
Fence or field line	.....
Power transmission line: located tower	.....
Dam; dam with lock	.....
Cemetery: grave	.....
Campground; picnic area; U. S. location monument	.....
Well: water well; spring	.....
Mine shaft; prospect; adit or cave	.....
Control: horizontal station; vertical station; spot elevation	.....
Contours: index; intermediate; supplementary; depression	.....
Distorted surface: strip mine, lava, sand	.....
Bathymetric contours: index; intermediate	.....
Perennial lake and stream; intermittent lake and stream	.....
Rapids, large and small; falls, large and small	.....
Submerged marsh; marsh, swamp	.....
Land subject to controlled inundation; woodland	.....
Scrub; mangrove	.....
Orchard; vineyard	.....

A pamphlet describing topographic maps is available on request

